

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT APPLICATION TRANSMITTAL LETTER

Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Transmitted herewith for filing pursuant to 37 C.F.R. § 1.53 is the patent application of:

INVENTOR(S):

Kiyohito ISHIDA
5-20, Kamisugi 3-chome,
Aoba-ku, Sendai-shi,
Miyagi, Japan

Katsunari OIKAWA
4-1-34, Nishifunabasama,
Shibata-cho, Shibata-gun,
Miyagi, Japan

Toshimitsu FUJII
c/o Daido Tokushuko Kabushiki Kaisha Gijutsu Kaihatsu Kenkyusho
30, Daido-cho 2-chome,
Minami-ku, Nagoya-shi,
Aichi, Japan

Yukinori MATSUDA
c/o Daido Tokushuko Kabushiki Kaisha Gijutsu Kaihatsu Kenkyusho
30, Daido-cho 2-chome,
Minami-ku, Nagoya-shi,
Aichi, Japan

Kozo OZAKI
c/o Daido Tokushuko Kabushiki Kaisha Gijutsu Kaihatsu Kenkyusho
30, Daido-cho 2-chome,
Minami-ku, Nagoya-shi,
Aichi, Japan

Seiji KURATA
c/o Daido Tokushuko Kabushiki Kaisha Gijutsu Kaihatsu Kenkyusho
30, Daido-cho 2-chome,
Minami-ku, Nagoya-shi,
Aichi, Japan

Takayuki SHIMIZU
c/o Daido Tokushuko Kabushiki Kaisha Gijutsu Kaihatsu Kenkyusho
30, Daido-cho 2-chome,
Minami-ku, Nagoya-shi,
Aichi, Japan

02/28/02
J1132 U.S. PTO

J1017 U.S. PTO
10/084495
02/28/02

10084495 022802

FOR: Free-Cutting Tool Steel

Enclosed are:

- ☒ Two (2) Sheets of drawings.
- ☒ Assignments of the invention to: Kiyohito Ishida, Dokuritsu Gyousei Houjin Sangyo Gijutsu Sougo, Kenkyusho, Katsunari Oikawa, and Daido Tokushuko Kabushiki Kaisha
- ☒ Certified copies of the Japanese priority applications Nos. 2001-060782 filed March 5, 2001, 2001-060809, filed March 5, 2001, and No. 2001-278579, filed September 13, 2001.
- ☒ An associate power of attorney.
- ☐ A verified statement to establish small entity status under 37 CFR § 1.9 and 1.27.
- ☐ A Preliminary Amendment.
- ☐ A Notice of Informal Filing of New Patent Application.

The filing fee is calculated as follows:

	CLAIMS AS	FILED	SMALL ENTITY		OTHER THAN A SMALL ENTITY
FOR	NO. FILED	NO. EXTRA	RATE FEE		RATE FEE
BASIC FEE			\$370		\$ 740
Total Claims	27-20=	7	x9= -0-	or	x18= \$ 126
Indep claims	2-3=		x42= -0-	or	x84= -0-
[] Multiple	Dep claims		+140= -0-	or	+280= -0-
			TOTAL \$		TOTAL \$ 866

- ☒ A check in the amount of \$ 866.00 is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 20-1424. A duplicate copy of this sheet is attached.
- ☒ Any additional fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 20-1424. A duplicate copy of this sheet is attached.
- ☒ Any patent application processing fees under 37 CFR 1.17, including extension of time fees.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

Date: February 28, 2002

Donald E. Townsend, Jr.

Donald E. Townsend, Jr.
Reg. No. 43,198

LAW OFFICES OF TOWNSEND & BANTA, P.C.

#50028

1225 Eye Street, N.W.

Suite 500

Washington, D.C. 20005

(202) 682-4727

202222 "6448007